

normal operation, when a tissue sample microarray slide 18 is placed on the stage 20, as shown in FIG. 1, the processors 42 or 44 send a command through the system bus to cause the serial I/O controller 122 to signal the microscope controller to change magnification to 1.25X in a step 202. This is done by rotating the objective turret of the Axioplan 2 microscope to select the objective 144. Likewise, the controller sets the color temperature of the lamp 168, sets a pair of neutral density filter wheels 170 and 172 and sets a field diaphragm 174 for the correct illumination. A condenser diaphragm 176 is also controlled. A color filter wheel 180 may also be controlled to apply the appropriate filter color to the CCD sensors 126 in the camera.--

IN THE CLAIMS:

4. (Once Amended) A method of processing an image of a tissue sample microarray according to claim 3, wherein the displayed image is a low magnification image of a dot.

5. (Once Amended) A method of processing an image of a tissue sample microarray according to claim 3, wherein the displayed image is a high magnification image of at least a portion of one of the tissue dots.

Please cancel Claims 16 and 17.

REMARKS

The allowance of claims 1-3 and 6-15 is noted and appreciated. Claims 4 and 5 have been amended to better define the invention. Claims 16 and 17 have been cancelled. The renumbering of Claims 9-15 is noted and appreciated.

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With respect to paragraph 3 of the Official Action, Claims 3 and 4 have been, as suggested by the Examiner, to depend from Claim 3 rather than Claim 2. The Examiner's helpful insight in this matter is appreciated. Thus, Claims 4 and 5 are submitted to satisfy 35 U.S.C. § 112, second paragraph.

In view of the foregoing, it is submitted that the application is in condition for allowance, which is respectfully requested.

Respectfully requested,

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